

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0290] with the following amended paragraph.

[0290] Then to 7-methyl α -thiolincosaminide **2b** ($R^1=Me$, $R^2=Me$) (90 mg, 0.35 mmol) in DMF (2ml), TEA (72 mg, 0.7 mmol), BSTFA (276 mg, 1.05 mmol) were added at 0 °C and stirred at room temperature for 1.5 hr. Then the acid (**10b**) ($R^9=$ pentyl) (138 mg, 0.7 mmol) and HATU (165 mg, 0.53 mmol) was added to the reaction mixture, and stirred at room temperature overnight. DMF was completely removed, the residue was taken up in EtOAc (50 mL), washed with sodium bicarbonate (10%, 50 mL), brine (50 mL). The product obtained after drying over magnesium sulfate and concentration was taken up in methanol (10 mL) and treated with ~~Dowex™ polymeric sulfonic acid~~ H^+ resin (150 mg) for 3 hr. The resin was filtered and the solvent was removed. Purification of the crude product was carried out silica gel column chromatography using 3% MeOH in DCM as eluent to obtain compound **11b** ($R^1=Me$, $R^2=Me$, $R^3=H$, $R^9=$ pentyl) (90 mg, 59%):

Please replace paragraph [0298] with the following amended paragraph.

[0298] To 7-methyl α -thiolincosaminide, compound **2b** ($R^1=Me$, $R^2=Me$), (90 mg, 0.35 mmol) in DMF (2 mL), TEA (72 mg, 0.7 mmol), BSTFA (276 mg, 1.05 mmol) were added at 0°C and left stirred at room temperature for 1.5 hr. Then compound **10b** ($R^9=$ methoxy) (109 mg, 0.7 mmol) and HATU (165 mg, 0.53 mmol) were added to the reaction mixture, and stirred at room temperature overnight. The DMF was completely removed and the residue was taken up in EtOAc (50 mL), washed with sodium bicarbonate (10%, 30 mL), brine (30 mL), and dried over magnesium sulfate. The solvent was removed to obtain a brown oil-like liquid, which was

dissolved in methanol (10 mL) and treated with ~~DowexTM polymeric sulfonic acid H⁺~~ resin for 1 hr. The resin was filtered, and the solvent was removed to obtain the crude material. Purification was carried out on silica gel column chromatography using EtOAc as eluent to obtain compound **11b** (R¹=Me, R²=Me R³=H, R⁹=methoxy) (100 mg, 72%).

Please replace paragraph [0463] with the following paragraph.

[0463] The title compound was made using the synthetic sequence found in general Method S starting from 4-hydroxypyridine-2-carboxylic acid substituting 2-trifluoroethyl bromide ~~3-bromo-1,1,1-trifluoro-propane~~ as the alkylating agent.

Please replace paragraph [0470] with the following amended paragraph.

[0470] To the amine **2b** (R¹=Me, R²=Me) (200 mg, 0.79 mmol) in DMF (2ml), TEA (161 mg, 1.6 mmol), BSTFA (614 mg, 2.4 mmol) was added at 0 °C and stirred at room temperature for 1.5 hr. Acid **10b** (R⁹ = isobutyl) (214 mg, 1.2 mmol) and HATU (368 mg, 1.2 mmol) was added and let stirred at room temperature for 4 hours. DMF was removed and the residue was extracted with EtOAc (50 mL), washed with sodium bicarbonate (10%, 50 mL), brine (50 mL) and dried over magnesium sulfate. The product obtained on removal of solvent was dissolved in methanol (10 mL) and treated with ~~DowexTM polymeric sulfonic acid H⁺~~ resin (300 mg) for 3 hr. After filtering the resin, methanol was removed to obtain the crude product. It was then purified on silica gel column chromatography using 3% MeOH in DCM to obtain compound **11b** (R¹=Me, R²=Me, R³=H, R⁹=isobutyl) (200 mg, 60%).

Please replace paragraph [0476] with the following amended paragraph.

[0476] To a stirred solution of (2S, 4R)-4-hydroxyproline (Aldrich) (25 g, 108 mmol) in methanol (50 mL) at 0 °C was added trimethylsilyldiazomethene (24.6 g, 216 mmol). The mixture was stirred at 0 °C for 1 hour. The residue obtained on removal of solvent and purification by column chromatography using 50% ethyl acetate in hexanes (27 g, 100%) was used in the next step. To oxalyl chloride (15 g, 118 mmol) in DCM (15 mL) at -78 °C, DMSO (18.6 mL, 236 mmol) was added slowly over 15 minutes. After the completion of addition, the above product (2S, 4R)-N-Boc-4-hydroxyproline methylester (26.5 g, 108 mmol) in DCM (100 mL) was added at -78 °C ~~dropwise over~~ for 20 minutes. Triethylamine (54.6 g, 540 mmol) was added followed by stirring at room temperature for 2 hours. The reaction mixture was then washed with 10% aq HCl (200 mL) and the organic layer was separated and dried over sodium sulfate. The crude product obtained on removal of solvent was purified on silica gel column chromatography using 50% EtoAc in hexanes to obtain 4-oxo-pyrrolidine-1,2-dicarboxylic acid 1-*tert*-butyl ester 2-methyl ester (20 g, 78%).